

THE ARIZONA REPUBLICAN.

ISSUED EVERY DAY IN THE YEAR
BY
THE REPUBLICAN PUBLISHING COMPANY.

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as mail matter of the second class.

THE REPUBLICAN has its own special wire
connecting its office direct with San Francisco
and Chicago, and through these cities with all
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Associated Press report it receives more special
dispatches every day than any paper west of St.
Louis, outside of San Francisco.

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FOR PRESIDENT IN 1892,
JAMES G. BLAINE, --- OF MAINE

SILVER, COPPER AND LEAD.

Silver was quoted yesterday at \$1.02 per
ounce; copper at \$16.50 per 100 pounds, and lead
at \$4.85 per 100 pounds.

BEAUTIFY YOUR HOMES.

A MARKET place is one of the pressing
needs of Phoenix.

AGAIN THE REPUBLICAN rises to re-
mark, build sidewalks.

WITH the great natural advantages
here in soil and climate it needs but a
little care and attention to surround
Phoenix homes with the most beautiful
lawns and flower gardens on the con-
tinent.

STRANGERS are always impressed with
the possibilities of this great and fertile
valley, but to make them pleased with
the city we must make many improve-
ments, such as macadamizing the
streets, building sidewalks, numbering
the houses, etc.

THAT very enterprising (?) and pro-
gressive paper the St. Johns Herald
says: "The supervisors were engaged
all day Monday in canvassing the re-
turns and declaring the result of the
recent election." And then it neither
publishes the returns nor gives the re-
sult of the election in Apache County.

THE meetings to discuss the subject of
fruit culture in this valley are creating
considerable interest, and it is to be
hoped the attendance will steadily in-
crease. At yesterday's meeting twenty-
two people were present and the interest
manifested shows that land owners are
becoming fully alive to the necessity for
concerted action.

SAYS the Tombstone Epitaph: "And
now it comes to light that the Sunday
bill passed by the last Legislature is a
valid law, and the temperance people of
Phoenix propose making an attempt to
enforce it. But isn't it rather funny
to have it printed with the other laws
passed at that session? For ways that
are dark and tricks that are vain? Zalick
and his crowd are peculiar."

EVERY visitor is charmed with Phoenix
and the Salt River Valley at this season
of the year. It has its spring dress on.
Instead of cold, cutting winds and snow,
and fur-lined overcoats, we have sun-
shine and warmth, and green trees.
The grass starts growing with the rains
and the warm sun entices the tender
shoots. Birds sing and life rejoices for
its existence. One can almost imagine
he sees an eagerness in the bulbs of the
fruit trees to burst out and blossom in
the genial air. Only a few years more
will be required to demonstrate to the
world that it has lost much in not find-
ing before, this nook of Eden, in the
"wilds" of Arizona.

THE suggestions by several of the
Territorial papers for the passage of a
militia law are timely, and THE REPUBLICAN
heartily endorses them. The mil-
itia of Arizona is now well organized
and it should be fostered and encouraged
in every way possible. Among other
things, provisions should be made for
an annual encampment. With a num-
ber of regulars in the Territory, arrange-
ments could readily be made with the
War Department to have a company or
two, and possibly a battalion, encamp
with the militia, and in this way much
practical instruction could be obtained.
A well-organized and disciplined militia
is worth many times its cost in upholding
and sustaining the sovereign power
of a Commonwealth. We trust that the
Sixteenth Legislature will deal liberally
with the Arizona National Guard.

WHAT the Salt River Valley is most in
need of just now is a railroad connect-
ing it with the northern part of the
Territory. All will remember the great
work done in this direction the past
year. During the campaign it was, to
an extent, lost sight of, but it is not
well to let so important a matter die out.
A railroad to the north means renewed
life and prosperity to this section and it
is important that every thing possible
be done towards the consummation of so
desirable an object. After the veto of
the first bill by President Harrison, an-
other was introduced in Congress de-
signed to obviate the President's ob-
jections to the first. It is highly essential
that the people of this valley renew
their intention of support of a subsidy
bill as originally proposed. It is now a
long time since the vote on the original
subsidy was taken and in pressing the
matter before Congress members are
likely to say: "Well, that vote is old.
Does it represent the sentiment of your
people now?" It has been suggested
that a public meeting be held to mem-
orialize Congress to pass the bill now be-
fore it. The suggestion is a good one
and would name Friday evening,
November 28, as a good date for such
a meeting. It is important that the
people act on this subject promptly, so
that it may be pushed before the short
session of Congress.

CULTIVATE SUGAR BEETS.

The history of the sugar beet and the
discovery of its important uses dates
back into the early part of the sixteenth
century. Certain varieties of the beet
were introduced in England in the year
1548. Dr. William McMurtrie, in Report
No. 28 from the United States Depart-
ment of Agriculture in 1886, on the cul-
ture of the sugar beet, says: "The root
does not seem to have been considered
as having an industrial value, and was
cultivated only for the table or for cattle
food until 1747, when Margraff, a mem-
ber of the Berlin Academy of Sciences,
believing sugar to be a regular constitu-
ent of plants other than the sugar cane,
made examination of different varieties
of vegetables, and succeeded in separat-
ing from several kinds varying quanti-
ties of crystallizable sugar. Of all the
plants examined, he found the beet to
be the richest in sugar, and believing
that Europe would find in this root the
basis of an immense industry, he urged
the importance of his discovery upon
the academy, hoping to see valuable
and practical results follow. A success-
ful plan for extracting the sugar from
the beet was discovered in 1797 and in-
troduced in France and Germany.

"At the beginning of the nineteenth
century France had established schools
and imperial factories to teach the sys-
tem, and between the years 1802 and
1809 had reduced her importation of
sugar from over 50,000,000 pounds per
annum to 10,000,000. During the same
years Germany had taken just as active
interest with most satisfactory results."

McMurtrie in another report says:
"Notwithstanding the progress that has
been made in Europe in the culture of
the sugar-beet and the manufacture of
beet-root sugar, and immensity and
value of the industry it has supplied to
European nations, the knowledge and
experience resulting has not been ap-
plied in such a way in the United States
as to make the production of sugar from
this source a matter of any commercial
or industrial importance, although at-
tempts at the introduction of the indus-
try have not been wanting. The first
experiment, made by two enterpris-
ing Philadelphians as early as 1830,
was almost contemporaneous with the
final firm establishment of the industry
in France and the great interest man-
ifested in it there."

The industry in the United States has
been dormant and it is only of late
years that any active interest has been
shown. The Department of Agriculture
has lately taken the matter in hand and
has not only issued reports giving full
data and information for the benefit of
those desiring to experiment, but has
offered inducements, and Congress has
joined, being satisfied of its importance.
By the action of the last Congress a
bounty of 2 cents per pound is paid to
the home producer of sugar. The De-
partment, too, has gone so far as to dis-
tinguish the exact districts in the
United States most adapted to beet cul-
ture and has traced the isothermal line
from the Atlantic to the Pacific Coast.

Among the experiments with the
sugar beet in the West a Department
report gives the name of R. Nadeau, of
Idaho, who has planted several hundred acres.
He shipped as a sample to be tested some
fifty tons to the Standard Sugar Manu-
facturing Company, at Alvarado, Cal.
The analysis, which was given in a re-
port of Mr. Kulburg, chemist of that
company, demonstrated that in sugar
producing qualities they were up to, if
not above, the standard of beets grown
in Germany and France. This analysis
was made with both green and dried
beets, the result being about the same.
The lowest average yield has been fif-
teen tons per acre, and from an analysis
of the California beet, made by the
Bureau of Chemistry at Washington, the
yield of pure granulated sugar is about
9.5 per cent or 190 pounds of sugar per
ton of beets; at this rate, one acre
would produce 2850 pounds of sugar.
The actual yield for the first crop, how-
ever, as given by the report of the sec-
retary of agriculture, is nearly 4000
pounds, or two tons per acre, in all ex-
cept poorly cultivated fields.

It can readily be seen what can be
done with this vegetable with the re-
quisite soil, water and climatic condi-
tions attended with the right kind of
energy.

The isothermal line traced by the
Department of Agriculture passes di-
rectly through the Salt River Valley,
and the temperature of Arizona is most
favorable to beet culture as proven by
investigation, and demonstrated in
other localities, while experiment in
California gives the beet there from 3 to
5 per cent more of saccharine matter,
which is the sugar, than the European
beet. As sunshine, and properties of
the soil known to exist in Arizona, are
especially conducive to saccharine, it is
safe to figure on an advantage of 2 or
3 per cent over California. If it is
once demonstrated that the thousands
of acres of fertile lands of the Salt
and Gila Valleys are peculiarly adapted
to this sugar beet culture, capital will
find its way in for the erection of mills
and factories.

UNCLE Sam's navy is gradually climb-
ing up in the list of great navies of the
world and a few years more will see us
standing on a level with any, and in the
matter of fast cruisers and staunch war
vessels ahead of all others. The Maine,
the new vessel which was launched at the
Brooklyn navy yard Thursday, will,
it is believed, be able to meet any vessel
afloat on equal terms, although she is
not nearly so large as a number of
European vessels. She is a steel vessel,
330 feet in length, 57 feet in breadth,
21½ feet in draught, and of 6,648 tons
displacement; has two screws propelled
with engines of 8,750 horse power, capa-
ble of driving her at the rate of 17 knots
per hour; has three masts most simply
rigged, on which platforms are made,
carrying Gatling guns, capable of dis-
charging 1000 shots per minute at an ef-
fective range of 1000 yards. She is ar-
mored with steel armor 12 inches thick
above the water line, and 6 inches below.
The armor rests against a backing of
wood and steel plate alternating. Her
engines are placed so far below the
water line as to be out of reach of shot
from the enemy. The vessel carries

four 10-inch rifles, two in each of her
turrets. The bores of these guns are
310 inches in length, carrying steel shot
weighing 500 pounds each, propelled by
a discharge of 250 pounds of powder, to
an effective range of nine miles. She
also carries six 6-inch guns. These guns
carry 100-pound steel shot five miles.
Besides these guns the vessel has four
2½-inch bore, rapid-fire guns, four re-
volving cannons and four Gatling guns.

Now while the land can be secured
cheaply, Phoenix should establish a
market place, in some central location.

WANTS.

The quickest returns for the least money are
to be obtained from the REPUBLICAN'S WANT
COLUMNS. Situations Wanted, Help Wanted,
For Rent, For Sale, To Let, To Exchange,
One Cent a word each insertion, or by the
month at Five Cents per line per day.

WANTED—NURSE GIRL. APPLY TO MRS.
H. M. McNeill, Monroe street, opposite
High school. 4-11

WANTED—A GOOD SPAN OF WORK
HORSES, weighing 1200 pounds each, and
about six years old; also a buggy horse. The ad-
vertiser will be in Phoenix about the 10th of the
month. Address F. A. GULLEY, Tucson, Ariz.

BOARD AND ROOM IN PRIVATE FAMILY;
home cooking. Monroe street, opposite
high school. MRS. WILLIAMS. 163

FOR RENT.

FOR RENT—A CENTRALLY LOCATED DE-
sirable residence of five large rooms. Rent
\$30. Inquire at this office. 4-11

FOR RENT—THE STORE ROOM NOW OC-
cupied by M. Kallisher & Co. will be for rent
on November 1. Enquire of J. H. THALHEIMER,
Central Hotel. 151-11

FOR SALE.

FOR SALE—A BLOCK OF STOCK OF THE
Hartford Banking Company. J. W. EVANS.

FOR SALE—A HIGHLY IMPROVED 40-
acre ranch, 2½ miles from Phoenix, with or
without stock and farming implements. Apply
L. D. C. P. O. box 36, Phoenix. 179-11

FOR SALE—TWO GRINDING PANS, ONE
Feeling Pan, and one 1½-ton Engine. All in
first-class condition, and will be sold cheap. In-
quire at THIS OFFICE.

LOST.

LOST—AT MESA, NOVEMBER 15, ONE BAY
horse, aged 7 years, with heavy black mane
and tail, white saddle marks, branded L. L. on
left thigh, weight 900 lbs. Also one sorrel
7 years, branded E. on right hip, long mane and
tail, few white saddle marks. Bay horse had on
leather halter. Both horses sound and healthy.
Sorrel horse has blood face and small head. A
reward of \$10 for their return to Dublin corral.
E. D. GILL, Seattle, Phoenix. 5-30

PROFESSIONAL CARDS.

WEBSTER STREET, ATTORNEY-AT-LAW
Office in Thibodo Building, rooms 3 and 4
Phoenix, Arizona.

ABRAM HUMPHRIES, COUNSELOR AT LAW
Office: Room 5, Thibodo Building. References:
Laclede Bank, St. Louis; H. C. Power, President
First National Bank, Starkville, Miss.; F. M.
Marshall, Cashier Woodstock Iron Company,
Anniston, Ala.

BAKER & CAMPBELL, ATTORNEYS AT
LAW. Office: Over National Bank.

J. R. WOODWARD, L. H. CHALMERS,
WOODWARD & CHALMERS, ATTORNEYS
at law, Rooms 7 and 9, Thibodo building,
Phoenix, Arizona.

DR. SCOTT BELM, PHYSICIAN AND SUR-
geon. Office and residence Maricopa
Street, East side of Plaza, Phoenix, Arizona.

DR. J. HARDY, DENTIST.
All Work Guaranteed.
Young Building, opposite Com-
mercial Hotel, Phoenix, Ariz.

DR. H. JESSUP, DENTIST. ALL WORK
guaranteed and prices reasonable. Rooms
14 and 15 Foster Building.

TO LOAN—ON FIRST-CLASS SECURITY,
for a long term of years, I will loan at a
very low rate of interest the sum of \$200. JOHN
KING, Phoenix.

COMMERCIAL HOTEL, CORNER CENTER
and Jefferson streets. Only house employing
white help throughout. GEO. H. N. LUBBS,
proprietor.

GO TO THE FASHION BARBER SHOP FOR
shaving, hair cutting, shampooing, bath-
ing, hair dressing. Ladies work done at the
shop or residence. Prices to suit the times. Opposite
the Opera House. FRANK SHIRLEY, pro-
prietor.

SECRET SOCIETIES.

ARIZONA CHAPTER NO. 1, R. A. M.
Stated convocation on the second Monday
of each month. J. B. Creamer, H. F. C. H.
Knapp, Secretary.

ARIZONA LODGE NO. 2, F. AND A. M.
Stated meetings on the first Tuesday of
each month. Dayton A. Reed, W. M., C. H.
Knapp, Secretary.

CLANTON ARIZONA NO. 1, PATRIARCHS
Militant, I. O. O. F. Meets third Tuesday
of each month. John Gray, Commandant, N.
E. Morford, Clerk.

ENDYMION LEIGON A. O. U. W. MEETS
second and fourth Wednesday of each
month. F. M. Carnowski, Commandant, G. H.
Rothrock, Recorder.

A. O. U. W. PHOENIX LODGE NO. 5.
Regular meetings every Wednesday eve-
ning in Pythian Hall. D. P. Conroy, W. M., G.
H. Rothrock, Recorder.

ARIZONA DEGREE LODGE NO. 2, D. OF R.
Meets second and fourth Thursday evening
of each month. Miss Nettie Carrier, N. G., C. S.
Scott, Secretary.

FLORAL ENCAMPMENT NO. 2, I. O. O. F.
Meets second and fourth Tuesday evening
of each month. George A. Mintz, C. P., C. S. Scott,
Scribe.

G. A. R. JOHN W. OWEN POST NO. 82.
Meets first and third Wednesdays of each
month at Masonic Hall. W. T. Woods, Com-
mander, C. H. Knapp, Adjutant.

K. OF P. PHOENIX LODGE NO. 2, MEETS
on the first and third Fridays of each
month in Pythian Hall. W. A. Meghness, C. C.,
F. C. Kibbey, K. of R.

PHOENIX LODGE NO. 2, I. O. O. F. MEETS
every Saturday evening in K. of P. Hall. C.
S. Scott, N. G., John Gray, Secretary.

J. O. SCHRIVER

BRICK MANUFACTURER,

YARD, JACKSON STREET.

Collins Addition, Phoenix, Arizona.

BRICK FOR SALE IN ALL QUANTITIES

Estimates given for all kinds of brick work

NOTICE OF DISSOLUTION.

THE PARTNERSHIP HERETOFORE EX-
isting between the undersigned, under the
firm name of Perkins & Coble, in the real estate
and loan business, Open House building, in this
city, is this day dissolved by mutual consent and
the settlement of George W. Coble.
said real estate and loan business will be con-
tinued by George B. Perkins, who has assumed
all of the liabilities of said partnership and
will collect all of the outstanding claims of
whatsoever nature due said partnership under
said firm name.
GEORGE B. PERKINS,
GEORGE W. COBLE,
Phoenix, A. T., November 5, 1890. 172-30

WARNING NOTICE.

NOTICE IS HEREBY GIVEN THAT MY
wife, N. J. Richeson, having left my bed
and board and house at Casa Grande, I will not
be responsible for any debts contracted by her,
and with all persons from giving her credit on
my account.
A. L. RICHESON.
Casa Grande, November 14, 1890. 181

"LA VILLA PLACE"

----- This Desirable Tract has just been opened as -----
Residence Property

- 40 MAGNIFICENT LOTS -

Only three minutes' walk to the Public School, Postoffice
and City Hall

Titles Perfect :- No City Taxes

THE IMPROVEMENTS IN THIS VICINITY ARE AMONG THE FINEST
IN THE CITY

We call attention to this most attractive property for homes or as an investment.
Any person wanting a choice location should not fail to examine
this property before purchasing elsewhere.

110	130
45	46
43	44
41	42
39	40
37	38
35	36
33	34
31	32
29	30
27	28
25	26
23	24
21	22
19	20
17	18
15	16
13	14
11	12
9	10
7	8
5	6
3	4
1	2
124	130
VAN BUREN STREET	
CITY OF PHOENIX	CITY OF PHOENIX

A Continuation of Yuma Street, 80 Feet Wide, running the
Full Length of the Tract.

EACH LOT HAS A FRONTAGE OF 50 FEET.

A pro-rata Water right with Every Lot.

- A portion of this Property is Highly Improved with Fruit, Ornamental Trees, Etc. -

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Sole Agent of La Villa Tract, second door west of the Hartford Bank, Washington
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Carriage always at the door, and no trouble to show prop-
erty. Plats, with prices and terms, mailed on application.

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MEN'S - -

- - CLOTHING

- - AND -

BOYS' - -

- - CLOTHING



WE FIND OUR FALL PURCHASES OF MEN'S AND
Boys' Clothing have been too heavy considering the
scarcity of ready Cash in our City.

- TIME BY THE FORELOOK -

IS OUR MOTTO UNDER SUCH CIRCUMSTANCES

WE SHALL OFFER A LARGE

LIBERAL - DISCOUNT

During the NEXT THIRTY DAYS of all lines of Clothing
so as to reduce our present stock.

CALL AND SEE OUR LOW PRICES

Dillon & Kenealy

LEADING CLOTHIERS

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EVERYTHING NEW AND FRESH

E. E. PROWELL, PRESCRIPTION DRUGGIST.

Prescriptions Carefully Compounded
at all hours of the Day or Night.

TRUSSES and CRUTCHES

A full line of these articles now on hand and warranted

ALL GOODS AT NEW YORK PRICES

Toilet Articles of all Kinds,
Patent Medicines, Flavoring Extracts
Combs, Brushes, Sponges, Soaps, Etc.

DROP IN AND HAVE A GLASS OF SODA, PURE FRUIT SYRUP

PATTON OPERA HOUSE BUILDING,

CENTER STREET.